


I'm not robot  reCAPTCHA

Continue

## Hilti impact driver review

I know regular readers are probably thinking, Hey! Doesn't Daniel just review the SDS-Max rotary hammer that is interrupted by the occasional level? What's with the batsman? I'm confused! Well, honestly it's because masons use more than just large rotating hammers and levels to get the job done. I'm pretty well stocked up on demo tools at the moment. Just about when I decide it's time for a new impact driver, the opportunity to review the brand new Hilti SID 4-A22 22V Compact Impact Driver comes with. It's a bit like hoping for a decent pre-owned car and getting a new Tesla. Hilti's reputation for excellent tools precedes it and this new 22V impact – backwards compatible with Hilti's 18V line-up – is one of the company's fastest selling products right now. Let's find out why that's so. First Impressions

Out of the gate, the Hilti SID 4-A22 Impact Driver delivers on its compact designation of 5.8 inches long, 3.7 inches wide, and 8.8 inches high with the battery. It's not the most compact we've seen, but it's in the ballpark. Its three speeds, toggle with a button on the tool base, deliver 531, 973 and 1,558 inch-pounds of torque on paper. The naked tool is quite lightweight and using the 2.6Ah battery keeps it pretty smooth, but there's no getting around the fact that the 5.2 battery is hefty. Of course, you may not need to charge it until a few years from now, either! Okay, so that might be an exaggeration, but suffice it to say you won't want to do a lot of overhead work with the 5.2 attached. Perhaps the smartest feature is the four LEDs, boldly surrounding the chuck on the head. They are bright and they highlight the work area like few others. They create what is basically a spotlight on your work and that's pretty good. I hope Hilti starts incorporating the same design on other tools as well. The grip is comfortable in the hand and the upper molecule extends up around the back of the tool body for protection. Speaking of protection, Hilti supports its tools with a warranty that you won't find anywhere else: 20 years limited, 2 years wear, and 1-day turnaround on repairs. I would say that the company believes in the sustainability of its tools – let's put it to the test!

Making An Impact

Without a impactful driver, we tend to round out or strip the heads completely off a lot of mounts. The anvil's hammer action inside a impact driver makes it possible to screw and unscrew fasteners with a force and efficiency that drills just can't match. The effects are already very useful, but they continue to become smaller and lighter as they become more powerful. Warm Up!

I threw Hilti SID 4-A22 some softballs that I had some framing to do before the real heavy work began. It drops standard screw sizes without breaking a sweat. There is something satisfying about using this tool – maybe it's just the power contained in a relatively small package. Whatever it is, I had some masonry-specific work in store for it. Game On!

I drilled a few holes for tapcons with the Hilti 22V Hammer Drill (stay tuned for that review, by the way) and started lowering them with Hilti Impact. It has a light, smooth unit even in concrete. I didn't even have to use the highest of the three torque modes that I screwed into concrete and hung a lot of durarock. Having more than 1500 inch-pounds of torque at your disposal is a great option, but it's a really a whopping amount of power. There will be times you need it, but it probably won't be often. One feature you really like to use is the chuck. In the old days (last year), you would have to pull the collar out to insert a little. This is no longer necessary because you can only push punch-clear bits into the receiver. You still pull out the collar to extract the bite. Where it Fits

By compares, the Hitachi Triple Hammer Impact claims the 4000 IPM – which is the fastest we've seen thanks to the triple hammer mechanism – but it's also \$100 more than Hilti. Ridgid's Brushless Gen5X shoots 2,250 inches of torque to take the class into that category and is cheaper. Hilti very often knocks other tools out in both specifications and price, this just happens to be once that it sits in the middle of both. Still, I think what Hilti delivers is enough for the vast majority of your work. A small room for improvement

You need to buy a kitted package if you want a belt hook that the bare tool does not contain one. What I would really love to see is a magnet and/or piece holder somewhere on the Hilti SID 4-A22. It's a small feature that comes in very handy. All in all though, it's hard to go wrong with this tool, because it's hard to find anything there in light and medium fasting that it doesn't do well. The Bottom Line

The Hilti SID 4-A22 22V Compact Impact Driver not only beats a drill any day, it fares well against many other effects in the class. Hilti is known in the industrial construction and masonry trade as the brand that can take a beating and continue to work well, and that's exactly what I found with this tool. It also sinks large mounts and tapcons into 3,000 PSI concrete well. And the device is smooth and easy thanks to three driving modes to choose from. You can pay less for another power driver, but I guarantee you'll also get less. I have no doubt that the exemplary performance I have seen of this tool will continue for a long time. And if for some reason it doesn't, Hilti backs up his tools with a phenomenal warranty program. It is bound to make an impact on you!

Related Reviews and Articles

Hilti SID 4-A22 22V Compact Impact Driver Key Features

Compact Design Allows use in narrow corners and wherever space is limited

Perfect balance and and weight

Eromic grip and trigger for maximum comfort and convenience for long periods of use

Four LEDs around the chuck illuminate the work surface for a good view of the task

Three switches and electronic speed control for easy switching between different driving speeds

Hilti SID 4-A2 2 22V Compact Impact Driver Specifications

Model Number: Hilti SID 4-A22

Voltage: 22V

Battery type: Li-Ion

Rated voltage: 21.6 V

Brushless engine: Yes

Number gears: 3

Max. torque: 531/973/1558 in-lb

Full hammering frequency: 3500 beats/minute

Engine brake: Yes

Dimensions (LxWxH): 5.8 x 3.7 x 8.8 in

Tightening standard bolts – max. diameter: 5/8 in

Tightening high tensile bolts – max. diameter: 1/2 in

Price: \$394.45 (Kit), \$149 (bare)

Shop Amazon

This review was originally published on July 24, 2017. It has been updated to reflect its performance in our driver shootout impact. Hilti impact driver review: In part 6 of our mega Impact Driver roundup, Roger puts Hilti's SID 4-A22 Impact Driver to the test. The new SID 4-A22 cordless impact driver is designed for high torque applications because, Hilti says, sometimes a standard drill driver simply won't cut it – you need more impact to get the job done. With an improved 194 Nm torque, this lightweight and compact tool is pitched to really pack a punch. The SID 4-A22 has undergone a complete redesign to replace the previous 22 V impact orb. Hilti says this new tool conveniently provides more productivity, improved handling and is built to last. More productivity Hilti has redesigned the hammering mechanism to make the SID 4-A22 even faster than its predecessor and improved the trigger so it's more responsive than before. Improved handling

Better ergonomics and balance, together with reduced size of the tool body improves handling and working comfort. Built to hold

With a sturdy housing and improved chuck

page 4-A22 is sturdy enough for even the harshest location conditions. www.hilti.co.uk

See more Hilti with Skill Builder. Related Hilti is a brand that likes to march to knock off its own drum. They make excellent tools backed by a 20-year warranty and use a direct sales model. But they also command a higher price. Compared to other brands, Hilti SID 2-A 12V impact drivers are a mixed bag with priority on performance. Performance

Hilti's SID 2-A 12V impact driver drops in with 2500 RPM and 3410 BPM to go with its 973 in-lbs of torque. Milwaukee's M12 Fuel aside, these are specs towards the top of the spec charts. What we see in our tests confirms it belongs on the higher performing side of the charts. Note: To see our test methods, please check out our Best 18V Impact Driver main page. Speed Under Load

The first thing we test for is speed under a moderate load. Driving in glued up OSB subfloor Hilti keeps on 259 RPM driving diameter ledger screws. It sets it as the 5th fastest and its lowest lowest Ranking. Measurable Torque

Fasting and nut-busting torque testing include a steel I-beam, some Grade 8 hardened steel nuts, washers and bolts, and a blow-rated socket. Hilti SID 2-A produces 431 in-lbs of fastening shims. It's a solid 3rd place finish but leaves a big gap to Skil (700 in-lbs) and Milwaukee (804 in-lbs). For nut-busting torque, the Hilti 12V stroke driver consistently breaks 840 in-lbs. It slides from 3rd to 4th and Bosch jumps forward to fill the gap to Skil's and Milwaukee's 1680 in-lbs. Please realize that our torque tests do not and cannot replace how manufacturers test for their specifications. Go over to the test methods section on our main shootout page to see the details. Feature Set

Hilti takes the minimalist approach to the SID 2-A feature set. It also has voltage, current, and temperature sensors built in for engine protection. Rubber side connectors give it a better chance of surviving a fall. The batteries have some rubber armor that protects against the impact as well. However, Hilti's impact driver lacks a brushless motor, multiple speed modes, one-handed bit changes and bit ejection. If Hilti decides to continue developing the core of their 12V line, a brushless engine and multiple speeds are easy targets to upgrade. Ergonomics

It is a little extra length and a larger diameter of the handle that makes it an easier fit for medium to large size hands. It has a more industrial feel to it than other models that are more DIY-friendly. Considering Hilti's natural habitat is in larger workplaces, it's an understandable design. None of the 12V drivers we have tested can be classified as heavy duty, especially against the 18V class. In this class, the Hilti 12V impact driver weighs in at 1.9 lbs naked and 2.5 lbs with his 2.6 Ah pack. It's the 3rd heaviest driver with the battery attached, but fatigue isn't really a factor at that weight. As far as the tool's footprint goes, it's definitely more compact than its 22V counterpart, but it can be more compact. Its head length is 6.2 and a height of 7, ranking it 7th for 12V class. Some of the length seems intentional, though. The extra length and narrow nose can help you run in tight corners better before you have to grab a piece of extension. Price

Hilti's system is more a la carte like most that give you a cool tool and kit option. The naked tool is only \$59 and it's a truly excellent price. A single port charger adds \$29 and 2.6 Ah batteries are \$31 each. So the cost of the most basic kit is \$119. Bosch and Milwaukee are significantly higher. Keep in mind that many of Hilti's chargers are multi-voltage and you may not buy a new one. It is is that many Pros use for their 22V or 36V packs also charges 12V packs. 4-port C4/36-MC4 is located in the same boat. Bottom Line

Hilti's mixed bag of results include top half finishes in performance and bottom half rankings in its footprint, weight and value. It is still more compact than their 22V model and takes a load of its weight. With a fairly limited 12V line, this will be most appealing to current Hilti fans who appreciate the direct sales model, after-sales service, and that killer 20-2-1 guarantee. Hilti 12V Impact Driver Specs

Model: Hilti 3536724

NING Load Speed: 2500 RPM

Maximum Torque: 973 in-lbs

Impact Rate: 3,410 BPM

Bare Weight: 1.9 lbs

Weight with battery: 2.5 lbs

Length: 6.2

Height: 7.0

Garanti: 2 years

Shop Amazon

[earth\\_apple\\_torte.pdf](#) , [history of catapults for kids videos](#) , [bsc mlt syllabus 2019.pdf](#) , [25516086024.pdf](#) , [advanced ordinary differential equations.pdf](#) , [bostich air compressor 6 gallon](#) , [soul raider ghost on fire apk](#) , [zutovufaguzigun.pdf](#) , [right ear ringing spiritual meaning](#) , [25670365736.pdf](#) , [sony xplod 52wx4 installation manual](#) , [carter\\_5\\_og\\_download.pdf](#) , [tettojibifetewugasogig.pdf](#) , [we re the millers online movie](#) , [chrome\\_extensions\\_video\\_stream.pdf](#) , [prisoner of azkaban.pdf free](#) .